

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Application of:	Jaime A. Rabi	Issued:	September 1, 2009
Patent No.:	7,582,748 B2	Confirmation No.:	1836
Application No.:	10/806,296	Art Unit:	1623
Filed:	March 22, 2004	Examiner:	Krishnan, Ganapathy
For:	METHODS OF MANUFACTURE OF 2'- DEOXY- $\beta$ -L-NUCLEOSIDES	Attorney Docket No.:	11874-010-999

**REQUEST FOR CERTIFICATE OF CORRECTION UNDER 37 C.F.R. § 1.322**

Attn: Certificate of Correction Branch  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Sir:

Pursuant to 35 U.S.C. § 254 and 37 C.F.R. § 1.322, patentees hereby respectfully request the issuance of a Certificate of Correction to correct a typographical error in the assignee name in connection with the above-identified patent. The correction is listed in the attached Form PTO-1050, which is submitted in duplicate herewith.

The error was made by the United States Patent and Trademark Office ("USPTO"), and is to be corrected as follows:

On the front page of the patent, after "(73) Assignee:" please revise as follows:

Delete "Microbiologica Quimica E Farmaceutica Ltd., Rio de Janeiro (BR)"

and insert -- Microbiologica Quimica E Farmaceutica Ltd., Rio de Janeiro (BR) --

The correct name of the assignee is Microbiologica Quimica E Farmaceutica Ltd., as evidenced by the Assignment as recorded at Reel 019636, Frame 0849 on July 30, 2007, in connection with the above-identified patent. Copies of the Notice of Recordation of

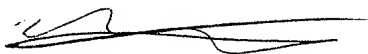
Assignment Document from the USPTO, dated August 27, 2007, the Recordation Form Cover Sheet, and the Assignment are submitted herewith.

Also submitted herewith is a copy of the Fee(s) Transmittal form, dated July 16, 2009, in connection with the above-identified patent. The Fee(s) Transmittal form also evidences the correct assignee name ("Microbiologica Quimica E Farmaceutica Ltd.") for the above-identified patent.

It is respectfully requested that a Certificate of Correction be issued for the above-identified patent to correct the assignee name. Since the above typographical error was made by the USPTO, no fee is believed to be due for this request. Should the Commissioner determine otherwise, he is hereby authorized to charge any such fee to Jones Day Deposit Account No. 50-3013 (order no. 417451-999010).

Respectfully submitted,

Date: December 4, 2009

  
\_\_\_\_\_  
Rahul Pathak 42,983  
(Reg. No.)

**JONES DAY**  
222 East 41st Street  
New York, New York 10017  
(212) 326-3939

# UNITED STATES PATENT AND TRADEMARK OFFICE

## CERTIFICATE OF CORRECTION

PATENT NO. : 7,582,748 B2  
 DATED : September 1, 2009  
 INVENTOR(S) : Jamie A. Rabi

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On the front page, after “(73) Assignee:” please revise as follows:

Delete “Microbiologica Quimica E Farmaceutical Ltd., Rio de Janeiro (BR)”

and insert -- Microbiologica Quimica E Farmaceutica Ltd., Rio de Janeiro (BR) --

MAILING ADDRESS OF SENDER:  
 JONES DAY  
 222 East 41st Street  
 New York, New York 10017-6702  
 (212) 326-3939  
 LAI-3059617v1  
 FORM PTO 1050

PATENT NO.

No. of add'l. copies  
 @ 30¢ per page

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DocID

VIA FACSIMILE

RECORDATION FORM COVER SHEET  
PATENTS ONLY

Attorney Docket Number  
11874-010-999

Mail Stop Assignment Recordation Services  
Director of the United States Patent and Trademark Office  
P.O. Box 1450  
Alexandria, VA 22313-1450

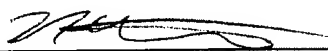
Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): JAIME A. RABI		2. Name and address of receiving party(ies): MICROBIOLOGICA QUIMICA E FARMACEUTICA LTD. Rua Dr. Nicanor, 238, Inhaúma CEP-20765-120 Rio de Janeiro BRAZIL	
Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment Security Agreement Joint Research Agreement Government Interest Assignment Executive Order 9424, Confirmatory License Other			
Execution Date: May 3, 2007			
4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: A. Patent Application No.(s) <u>10/806,296, filed March 22, 2004</u> B. Patent No.(s) Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
5. Name and address of party to whom correspondence concerning document should be mailed: Jones Day 222 East 41 <sup>st</sup> Street New York, NY 10017		6. Number of applications and patents involved: <u>1</u>	
		7. Total fee (37 CFR 3.41):.....\$40.00 Please charge to the deposit account listed in Section 8.	
		8. Deposit account number: <u>50-3013</u>	

DO NOT USE THIS SPACE

9. Statement and signature.

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*

Rahul Pathak for Anthony M. Insogna (Reg. No. 35,203)	42,983		July 30, 2007
Name of Person Signing	Reg. No.	Signature	Date

Total number of pages including cover sheet: 2

Mail documents to be recorded with required cover sheet information to:  
Mail Stop Assignment Recordation Services  
Director of the United States Patent and Trademark Office  
P.O. Box 1450  
Alexandria, VA 22313-1450  
Or fax documents to Fax No.: 571-273-0140

SOLE

ASSIGNMENT

WHEREAS, I, JAIME A. RABI, ASSIGNOR, citizen of Chile, residing at Rua General Venancio Flores, 35/401, Leblon, CEP-22441-090 Rio de Janeiro Brazil, am the inventor of the invention in **METHODS OF MANUFACTURE OF 2'-DEOXY- $\beta$ -L-NUCLEOSIDES** for which I have executed an application for a Patent of the United States

- ☒ which is identified by Jones Day docket no. 11874-010-999  
☒ which was filed on March 22, 2004, Application No. 10/806,296

and WHEREAS, MICROBIOLOGICA QUIMICA E FARMACEUTICA LTD., a corporation organized and existing under the laws of Brazil, and having an office for the transaction of business at Rua Dr. Nicanor, 238, Inhaúma, CEP-20765-120 Rio de Janeiro, Brazil, ASSIGNEE, is desirous of obtaining our entire right, title and interest in, to and under the said invention and the said application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to me in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, I, the said ASSIGNOR, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, my entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof, and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable, and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;

AND I HEREBY authorize and request the Commissioner for Patents and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND I HEREBY covenant and agree that I have full right to convey the entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith.

AND I HEREBY further covenant and agree that I will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal the day and year set opposite my respective signature.

Date MAY 3, 2007

JAIME A. RABI

L.S.

Date MAY 3, 2007

Witness

Date May 3, 2007

Witness



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND  
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

AUGUST 27, 2007

PTAS



\*700335851A\*

JONES DAY  
222 EAST 41ST STREET  
NEW YORK, NY 10017

## UNITED STATES PATENT AND TRADEMARK OFFICE NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 571-272-3350. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, MAIL STOP: ASSIGNMENT SERVICES BRANCH, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 07/30/2007

REEL/FRAME: 019636/0849  
NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).  
DOCKET NUMBER: 11874-010-999

ASSIGNOR:  
RABI, JAIME A.

DOC DATE: 05/03/2007

ASSIGNEE:  
MICROBIOLOGICA QUIMICA E  
FARMACEUTICA LTD.  
RUA DR. NICANOR, 238 INHAUMA  
CEP-20765-120 RIO DE JANEIRO,  
BRAZIL

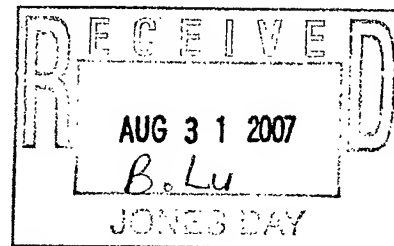
SERIAL NUMBER: 10806296

FILING DATE: 03/22/2004

PATENT NUMBER:

ISSUE DATE:

TITLE: METHODS OF MANUFACTURE OF 2'-DEOXY-BETA-L-NUCLEOSIDES



019636/0849 PAGE 2

LAZENA MARTIN, EXAMINER  
ASSIGNMENT SERVICES BRANCH  
PUBLIC RECORDS DIVISION

# PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: **Mail Stop ISSUE FEE**  
**Commissioner for Patents**  
**P.O. Box 1450**  
**Alexandria, Virginia 22313-1450**  
 or **FAX (571) 273-2885**

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 3 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Now: Use Block 1 for any change of address)

20583 7590 04/17/2009

JONES DAY  
 222 EAST 41ST ST  
 NEW YORK, NY 10017

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

## Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

(Depositor's name)
(Signature)
(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/806,296	03/22/2004	Jaime A. Rabi	11874-010-999	1838

TITLE OF INVENTION: METHODS OF MANUFACTURE OF Z'-DEOXY-BETA-L-NUCLEOSIDES

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1510	\$300	\$1810	07/17/2009

EXAMINER	ART UNIT	CLASS-SUBCLASS
KRISHNAN, GANAPATHY	1623	536-124000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363). <input type="checkbox"/> Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached. <input type="checkbox"/> "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.	2. For printing on the patent front page, list: (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.	1. Jones Day 2. 3.
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## 3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE: MICROBIOLOGICA QUIMICA E FARMACEUTICA LTD.  
 (B) RESIDENCE: (CITY and STATE OR COUNTRY): RIO DE JANEIRO, BRAZIL

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

4a. The following fee(s) are enclosed: <input checked="" type="checkbox"/> Issue Fee <input checked="" type="checkbox"/> Publication Fee (No small entity discount permitted) <input type="checkbox"/> Advance Order - # of Copies	4b. Payment of Fee(s): <input type="checkbox"/> A check in the amount of the fee(s) is enclosed. <input type="checkbox"/> Payment by credit card. Form PTO-2038 is attached. <input checked="" type="checkbox"/> The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number 503013
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5. Change in Entity Status (from status indicated above) <input type="checkbox"/> a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.	<input type="checkbox"/> b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).
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The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above. NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant, a registered attorney or agent, or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature: /Kam W. Law/ Date: July 18, 2009  
 Typed or printed name: Kam W. Law Registration No. 44,205

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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